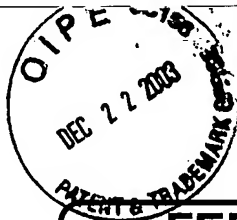


TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application No.	10/617,911
		Filing Date	July 10, 2003
		First Named Inventor	Michael Yip
		Art Unit	2663
		Examiner Name	Soon D. Hyun
Total Number of Pages in This Submission	11	Attorney Docket Number	2717P029C

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">- Return Postcard</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Lisa Tom, Reg. No. 52,291 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	December 17, 2003

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Typed or printed name	Annie G. Pearson		
Signature		Date	December 17, 2003



FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$)

Complete if Known

Application Number 10/617,911
Filing Date July 10, 2003
First Named Inventor Michael Yip
Examiner Name Soon D. Hyun
Group/Art Unit 2663
Attorney Docket No. 2717P029C

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☒ None
☐ Deposit Account

Deposit Account Number

02-2666

Deposit Account Name

Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments
☒ Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES

Total Claims - 20** = X =
Independent Claims - 3 = X =
Multiple Dependent =

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple Dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

**or number previously paid, if greater, For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
2053	130	2053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	1,210	2255	605	Extension for reply within fifth month	
1404	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	1809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) _____					

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

Name (Print/Type)

Lisa Tom

Registration No.
(Attorney/Agent)

52,291

Signature

Lisa Tom

Telephone

(503) 684-6200

Date

12/17/03



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

MICHAEL YIP, ET AL.

Application No.: 10/617,911

Filed: July 10, 2003

For: **METHOD AND SYSTEM FOR VMAN
PROTOCOL LAYER-2 PACKET
NESTED ENCAPSULATION**

Art Group: 2663

Examiner: Soon D. Hyun

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Some or all of the references listed on the enclosed PTO/SB/08 were previously identified in the parent application (Application No. 09/755,736, filed January 5, 2001) and copies of the references were furnished at that time. Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

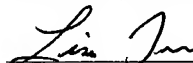
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP


Date: December 17, 2003



Lisa Tom, Reg. No. 52,291

12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (503) 684-6200

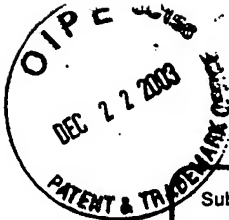
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Annie G. Pearson

12-17-03

Date



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/617,911
				Filing Date	July 10, 2003
				First Named Inventor	Michael Yip
				Art Unit	2663
				Examiner Name	Soon D. Hyun
				Attorney Docket Number	2717P029C
Sheet	2	of	5		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	21	US-5,408,469	04-18-1995	Opher, et al.	
	22	US-5,423,002	06-06-1995	Hart	
	23	US-5,426,637	01-20-1995	Derby, et al.	
	24	US-5,473,599	12-05-1995	Li, et al.	
	25	US-5,473,607	12-05-1995	Hausman, et al.	
	26	US-5,485,455	01-16-1996	Dobbins, et al.	
	27	US-5,500,860	03-19-1996	Perlman, et al.	
	28	US-5,519,704	05-21-1996	Farinacci, et al.	
	29	US-5,526,489	06-11-1996	Nilakantan, et al.	
	30	US-5,555,256	09-10-1996	Calamvokis	
	31	US-5,604,868	02-18-1997	Komine, et al.	
	32	US-5,617,421	04-01-1997	Chin, et al.	
	33	US-5,651,002	07-22-1997	Van Seters, et al.	
	34	US-5,666,363	09-09-1997	Osakabe, et al.	
	35	US-5,684,800	11-04-1997	Dobbins, et al.	
	36	US-5,740,171	04-14-1998	Mazzola, et al.	
	37	US-5,742,604	04-21-1998	Edsall, et al.	
	38	US-5,752,003	05-12-1998	Hart	
	39	US-5,764,636	06-09-1998	Edsall	
	40	US-5,872,783	02-16-1999	Chin	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code* - Number* - Kind Code* (if known)				

Examiner Signature		Date Considered	
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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	3	of	5
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Complete if Known

Application Number	10/617,911
Filing Date	July 10, 2003
First Named Inventor	Michael Yip
Art Unit	2663
Examiner Name	Soon D. Hyun
Attorney Docket Number	2717P029C

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	41	US-5,872,783	02-16-1999	Chin	
	42	US-5,892,912	04-06-1999	Suzuki, et al.	
	43	US-5,910,955	06-08-1999	Nishimura, et al.	
	44	US-5,946,308	08-31-1999	Dobbins, et al.	
	45	US-5,956,335	09-21-1999	Backers, et al.	
	46	US-5,959,968	09-28-1999	Chin, et al.	
	47	US-5,959,990	09-28-1999	Frantz, et al.	
	48	US-5,978,378	11-02-1999	Van Seters, et al.	
	50	US-6,023,563	02-08-2000	Shani	
	51	US-6,035,105	03-07-2000	McCloghrie, et al.	
	52	US-6,075,776	06-13-2000	Tanimoto, et al.	
	53	US-6,128,666	10-03-2000	Muller, et al.	
	54	US-6,157,647	12-05-2000	Husak	
	55	US-6,163,543	12-19-2000	Chin, et al.	
	56	US-6,181,699	01-30-2001	Crinion, et al.	
	57	US-6,209,649	04-03-2001	Pringle, et al.	
	58	US-6,219,699	04-17-2001	McCloghrie, et al.	
	59	US-6,226,771	05-01-2001	Hilla, et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date	
Considered	

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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet

4

of

5

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Application Number	10/617,911
Filing Date	July 10, 2003
First Named Inventor	Michael Yip
Art Unit	2663
Examiner Name	Soon D. Hyun
Attorney Docket Number	2717P029C

NON PATENT LITERATURE DOCUMENTS

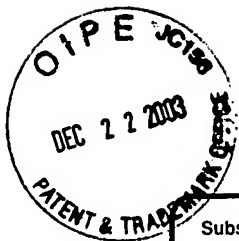
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	60	IEEE Std. 802.10-1998, "IEEE Standards for Local and Metropolitan Area Networks: Standard for Interoperable LAN/MAN Security (SILS)," New York, New York, 1998.	
	61	IEEE Std. 802.10a-1999, "IEEE Standards for Local and Metropolitan Area Networks: Supplement Standard for Interoperable LAN/MAN Security (SILS)," New York, New York, 1999.	
	62	IEEE Std. 802.1Q-1998, "IEEE Standards for Local and Metropolitan Area Networks: Virtual Bridged Local Area Networks," New York, New York, 1998.	
	63	IEEE Std. 802.1D, "IEEE Standards for Information Technology- Telecommunications and Information Exchange Between Systems-Local and Metropolitan Area Networks- Common Specifications, Part 3: Media Access Control (MAC) Bridges," 1998.	
	64	R. Woodburn, "A Scheme for an Internet Encapsulation Protocol: Version 1," Request for Comments 1241, July 1991 ("RFC1241").	
	65	B. Elliston, "Encapsulating IP with the Small Computer System Interface," Request for Comments 2143, May 1997 ("RFC2143").	
	66	S. Kent, et al, "IP Encapsulating Security Payload (ESP)," Request for Comments 2406, November 1998 ("RFC2406").	
	67	D. Farinacci, et al., "Generic Routing Encapsulation (GRE)," Request for Comments 2784, March 2000, ("RFC2784").	
	68	S. Hanks, et al., "Generic Routing Encapsulation over IPv4 Networks," Request for Comments: 1702, October 1994 ("RFC1702").	
	69	S. Hanks, et al., "Generic Routing Encapsulation (GRE)," Request for Comments 1701, October 1994 ("RFC1701").	
	70	C Perkins, "Minimal Encapsulation within IP," Request for Comments 2004, October 1996 ("RFC2004").	
	71	C Perkins, "IP Encapsulation within IP," Request for Comments 2003, October 1996 ("RFC2003").	
	72	W. Simpson, "IP in IP Tunneling," Request for Comments 1853, October 1995 ("RFC1853").	
	73	P. Srisuresh, "Security Model with Tunnel-mode IPsec for NAT Domains, October 1999 ("RFC2709").	

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/617,911
				Filing Date	July 10, 2003
				First Named Inventor	Michael Yip
				Art Unit	2663
				Examiner Name	Soon D. Hyun
				Attorney Docket Number	2717P029C
Sheet	5	of	5		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	74	D. Provan, "Tunneling IPX Traffic Through IP Networks," Request for Comments 1234, June 1991, ("RFC1234").		
	75	V. Rawat, et al., "Layer Two Tunneling Protocol (L2TP) over Frame Relay," Request for Comments 3070, February 2001, ("RFC3070").		
	76	W. Townsley, et al., "Layer Two Tunneling Protocol 'L2TP'," Request for Comments 2661, August 1999, ("RFC2661").		
	77	E. Rosen, et al., "Multiprotocol Label Switching Architecture," Request for Comments 3031, January 2001, ("RFC3031").		
	78	K. Hamzeh, et al., "Point-to-Point Tunneling Protocol (PPTP)," Request for Comments 2637, July 1999, ("RFC2637").		
	79	D. McPherson, et al., "VLAN Aggregation for Efficient IP Address Allocation," Request for Comments 3069, February 2001, ("RFC3069").		
	80	B. Gleeson, et al., "A Framework for IP Based Virtual Private Networks," Request for Comments 2764, February 2000, ("RFC2764").		

Examiner Signature		Date Considered	
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